Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT67DL

Quant Time: Feb 07 15:25:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	162083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	679826	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	414166	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	827860	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	753350	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	836520	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	1577	0.40	ng/uL	0.01
5) Phenol-d5	6.64	99	30684	2.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	27633	2.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	24393	2.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	24563	2.18	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	12715	2.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	12097	2.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	23317	2.21	ng/ul	0.01
29) 4-Chloroaniline-d4	10.30	131	119041	10.48	ng/ul	-0.03
43) Dimethylphthalate-d6	13.50	166	78951	2.61	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	93719	2.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	3775	0.66	ng/ul	-0.01
57) Fluorene-d10	15.07	176	71614	2.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	6534	1.26	ng/ul	0.01
70) Anthracene-d10	16.93	188	108122	2.87	ng/ul	0.00
78) Pyrene-d10	19.23	212	115763	2.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	116557	2.83	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.60	77	19979	2.06	ng/ul#	1
14) Acetophenone	8.23	105	38319	2.13	ng/ul#	34
28) Naphthalene	10.24	128	8616890	233.73	ng/ul	99
32) Caprolactam	11.12	113	9731	2.71	ng/ul#	1
34) 2-Methylnaphthalene	11.86	142	4351403	168.66	ng/ul	96
40) 1,1'-Biphenyl	12.89	154	463087	14.36	ng/ul	98
47) Acenaphthylene	13.79	152	315741	7.90	ng/ul#	90
49) Acenaphthene	14.14	153	1472711	54.19	ng/ul	100
53) Dibenzofuran	14.47	168	199431	5.27	ng/ul#	87
58) Fluorene	15.13	166	995896	31.49	ng/ul	98
60) 4-Nitroaniline	15.13	138	10830	1.50	ng/ul#	25
64) N-Nitrosodiphenylamine	15.35	169	54093	2.19	ng/ul#	1
69) Phenanthrene	16.87	178	4977318	105.42	ng/ul	99
71) Anthracene	16.96	178	1106392	23.10	ng/ul	99
74) Carbazole	17.24	167	81734	1.96	ng/ul#	94
76) Fluoranthene	18.90	202	1074390	19.94	ng/ul	100
79) Pyrene	19.26	202	1598232	29.06	ng/ul	96
82) Benzo(a)anthracene	21.08	228	484327	9.31	ng/ul	95
84) Chrysene	21.08	228	487397	9.41	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	297555	5.69	ng/ul	96
88) Benzo(k)fluoranthene	22.54	252	297555	5.77	ng/ul	95
90) Benzo(a)pyrene	23.07	252	346335	7.14	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.22	276	119694	2.08	ng/ul	98

Quantitation Report (Not Reviewed)

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Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT67DL

Quant Time: Feb 07 15:25:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	25.85	276	111663	2.31	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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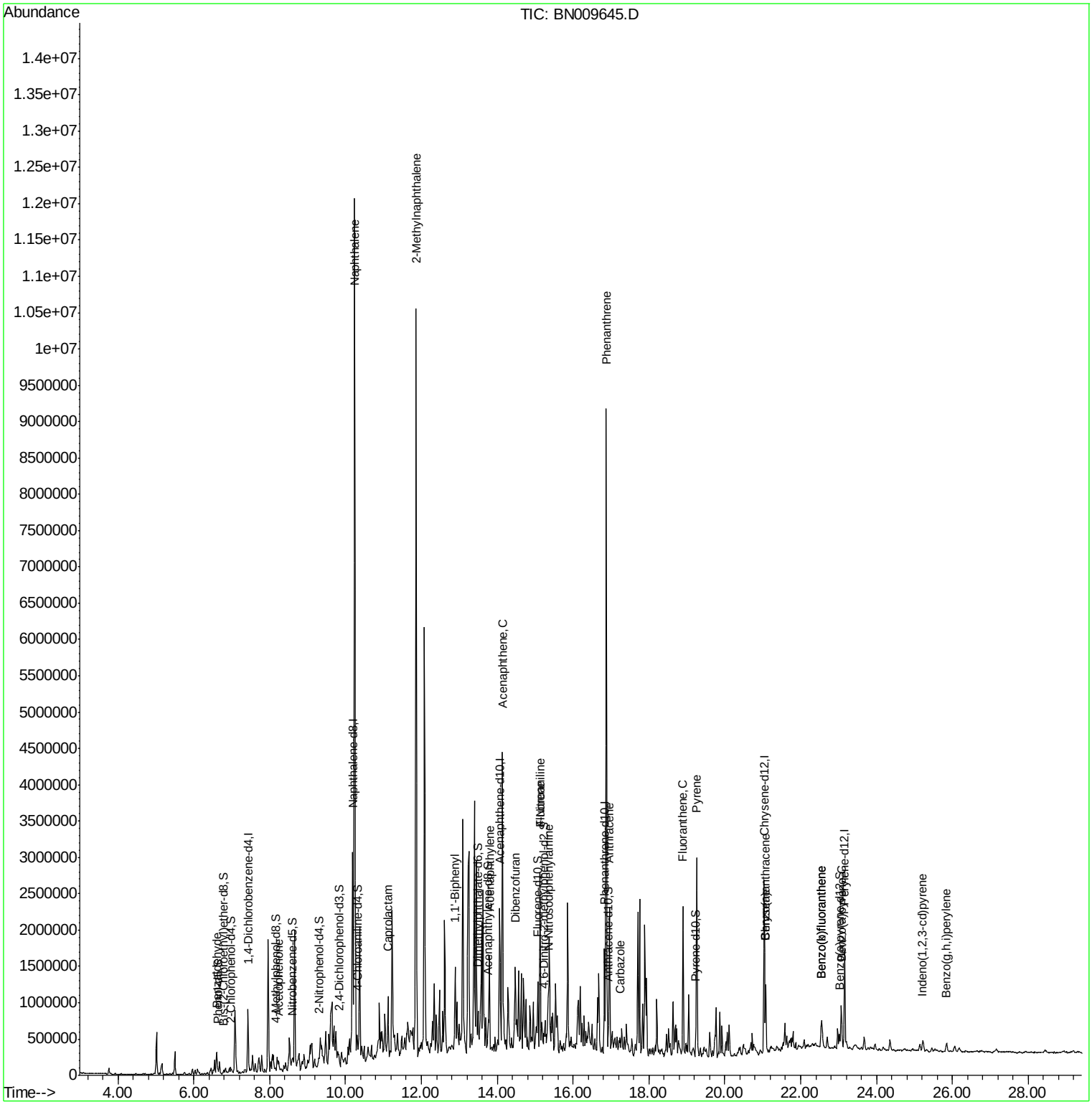
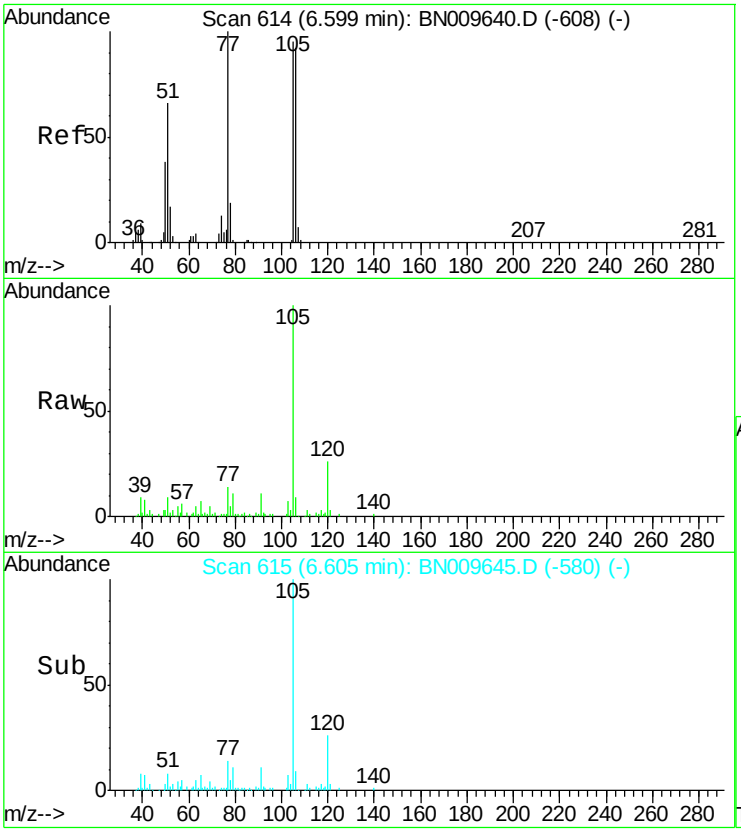
Quant Time: Feb 07 15:25:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration



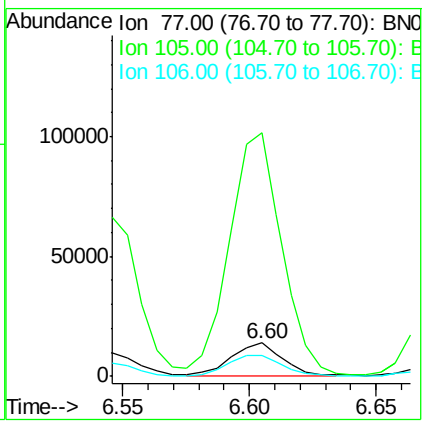


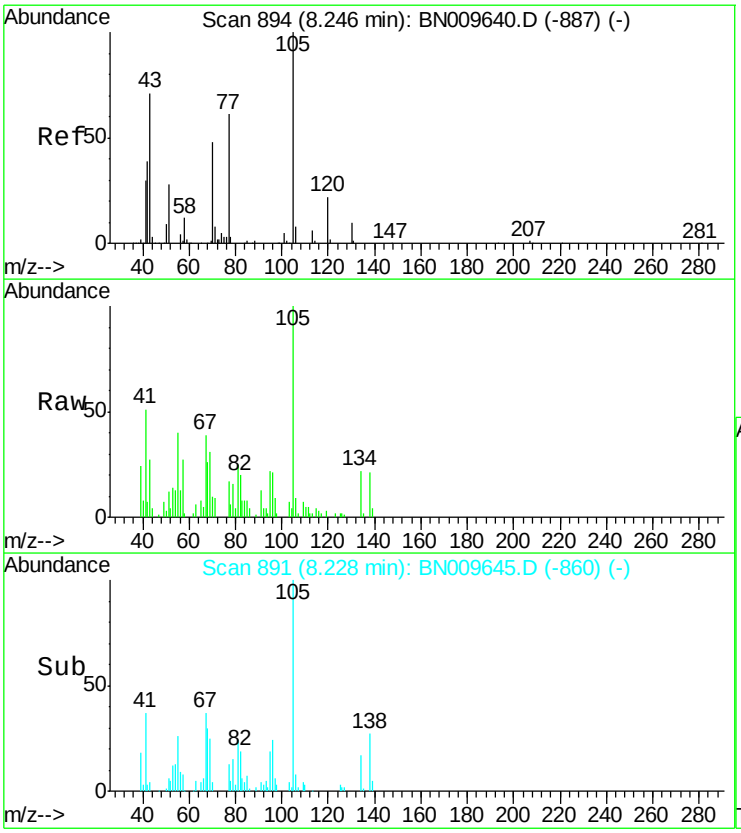
#4
Benzaldehyde
Concen: 2.06 ng/ul
RT: 6.60 min Scan# 615
Delta R.T. 0.01 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Tgt Ion: 77 Resp: 19979

Ion	Ratio	Lower	Upper
77	100		
105	731.6	74.5	111.7#
106	63.8	70.8	106.2#

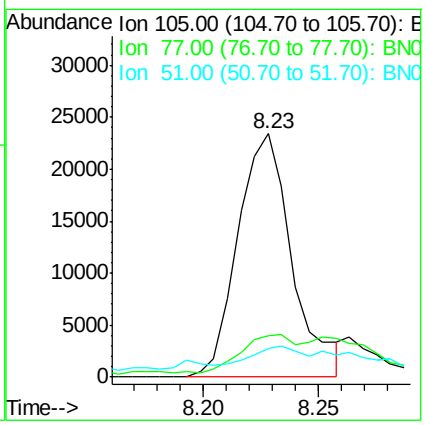


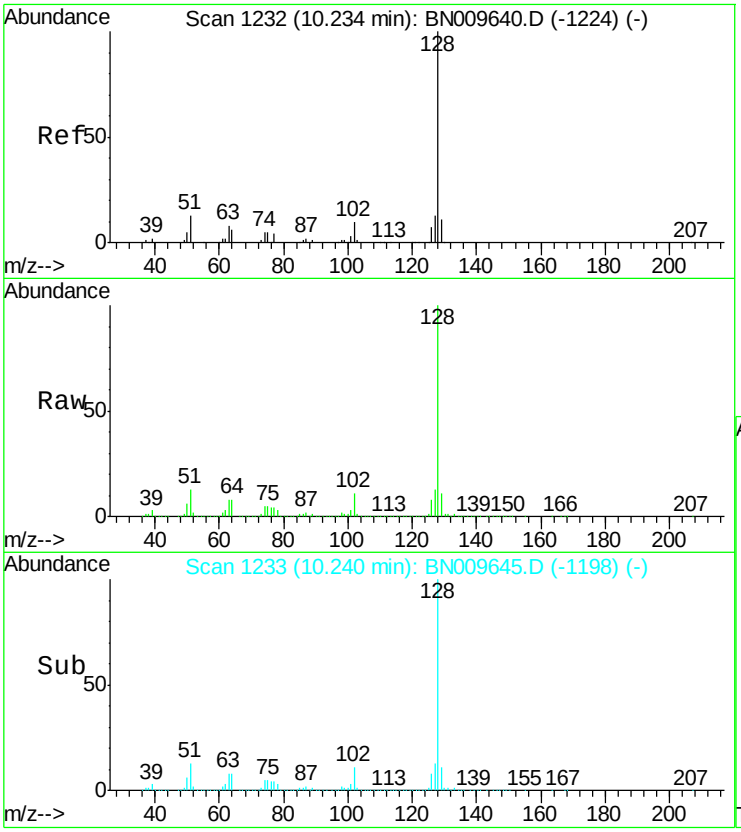


#14
Acetophenone
Concen: 2.13 ng/ul
RT: 8.23 min Scan# 891
Delta R.T. -0.02 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Tgt Ion:105 Resp: 38319

Ion	Ratio	Lower	Upper
105	100		
77	17.0	67.7	101.5#
51	11.7	34.3	51.5#



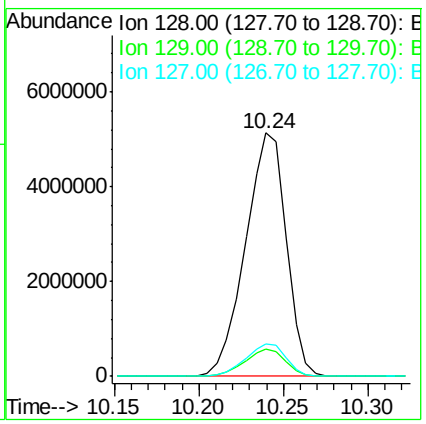


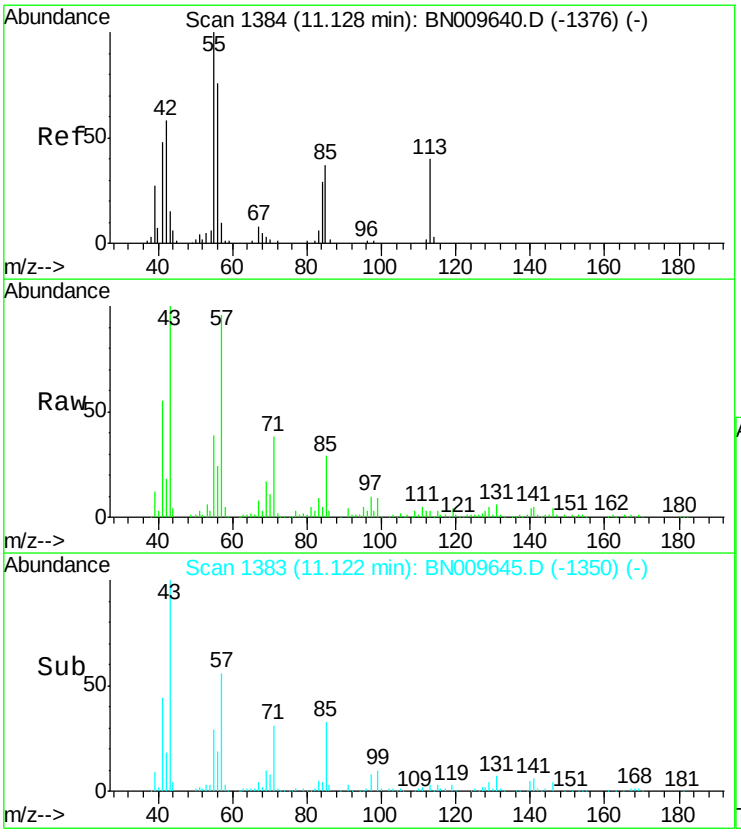
#28
Naphthalene
Concen: 233.73 ng/ul
RT: 10.24 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Tgt Ion:128 Resp: 8616890

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.3	10.7	16.1

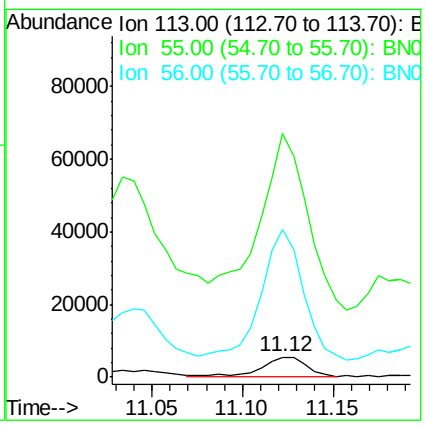


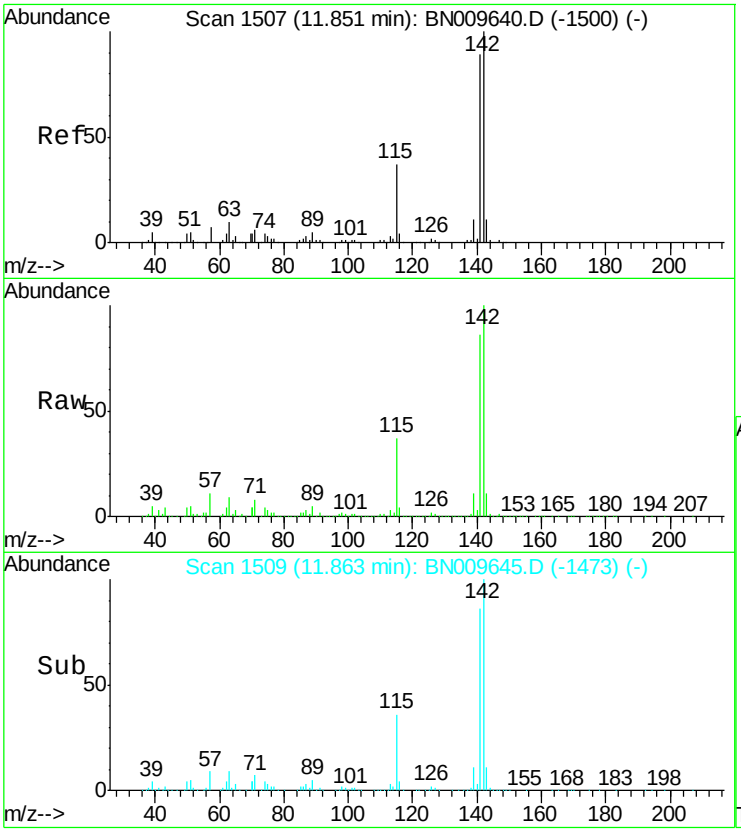


#32
Caprolactam
Concen: 2.71 ng/ul
RT: 11.12 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Tgt Ion:113 Resp: 9731

Ion	Ratio	Lower	Upper
113	100		
55	1236.8	207.0	310.6#
56	752.9	159.3	238.9#



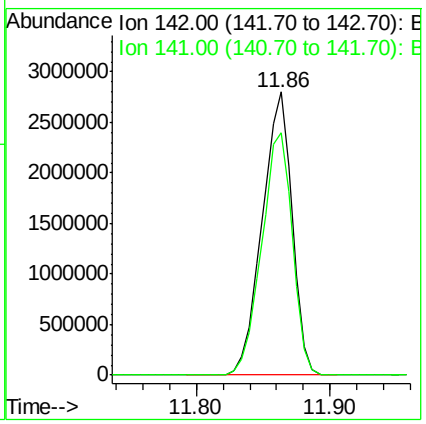


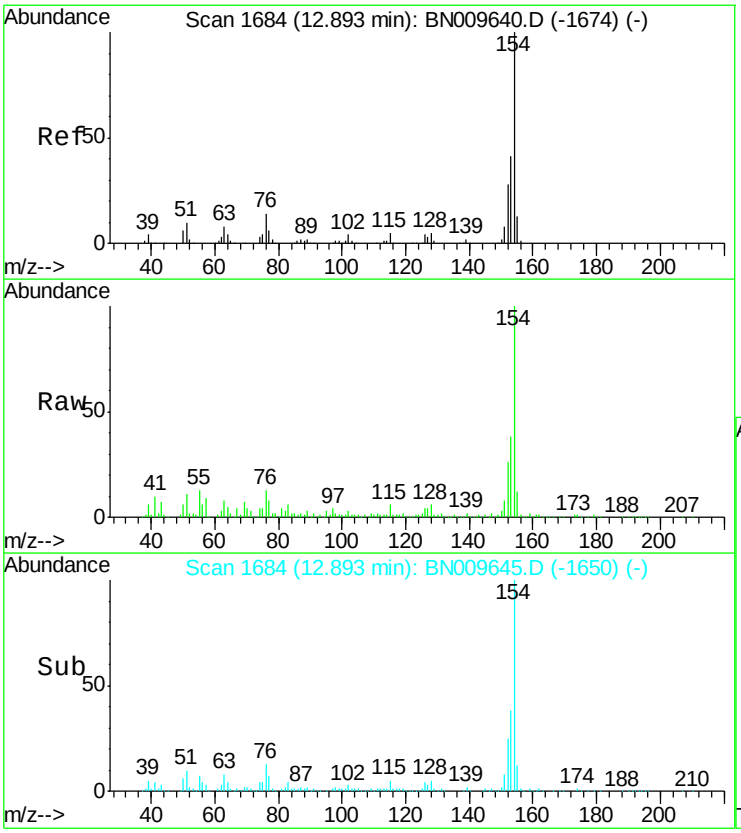
#34
2-Methylnaphthalene
Concen: 168.66 ng/ul
RT: 11.86 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Tgt Ion:142 Resp: 4351403

Ion	Ratio	Lower	Upper
142	100		
141	85.8	71.5	107.3

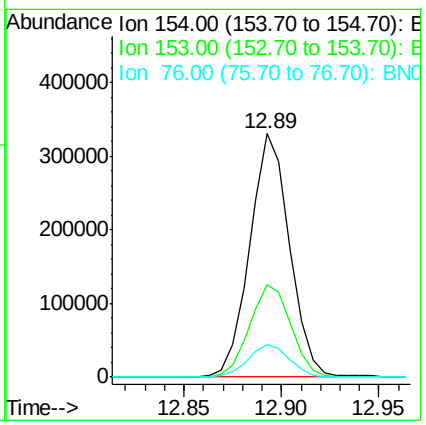


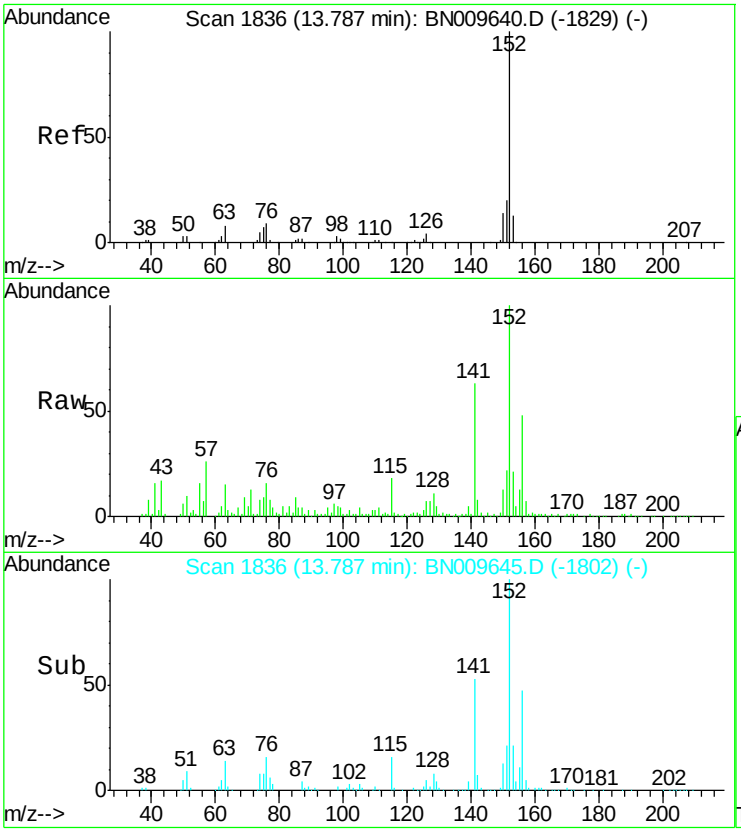


#40
1,1'-Biphenyl
Concen: 14.36 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Tgt Ion:154 Resp: 463087

Ion	Ratio	Lower	Upper
154	100		
153	37.9	31.2	46.8
76	13.5	11.4	17.2



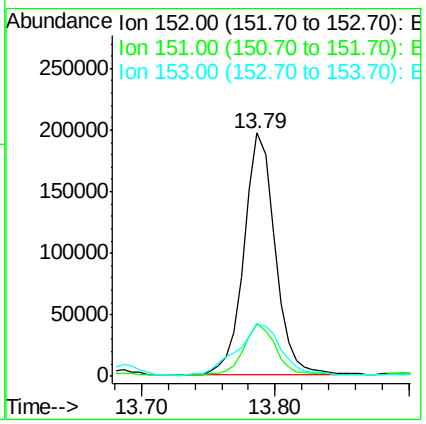


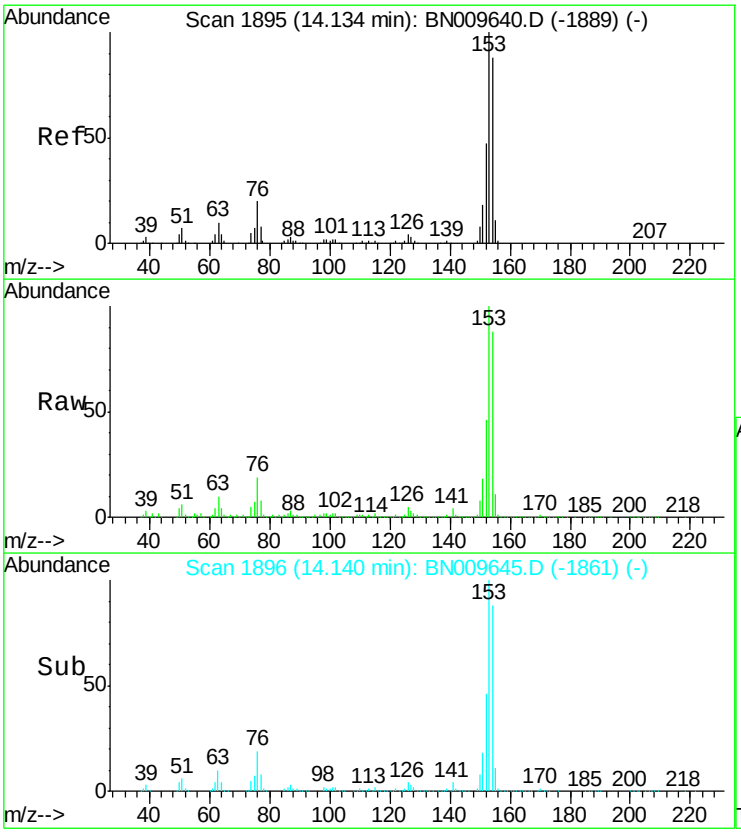
#47
Acenaphthylene
Concen: 7.90 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Tgt Ion:152 Resp: 315741

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.2
153	21.1	10.6	15.8#

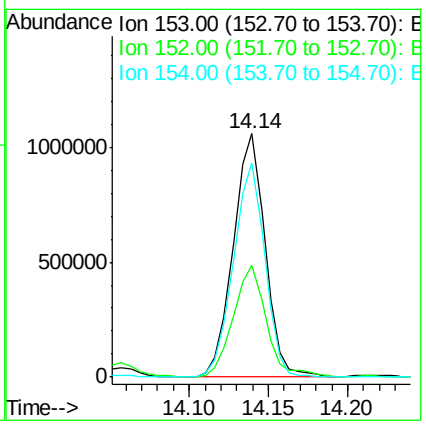


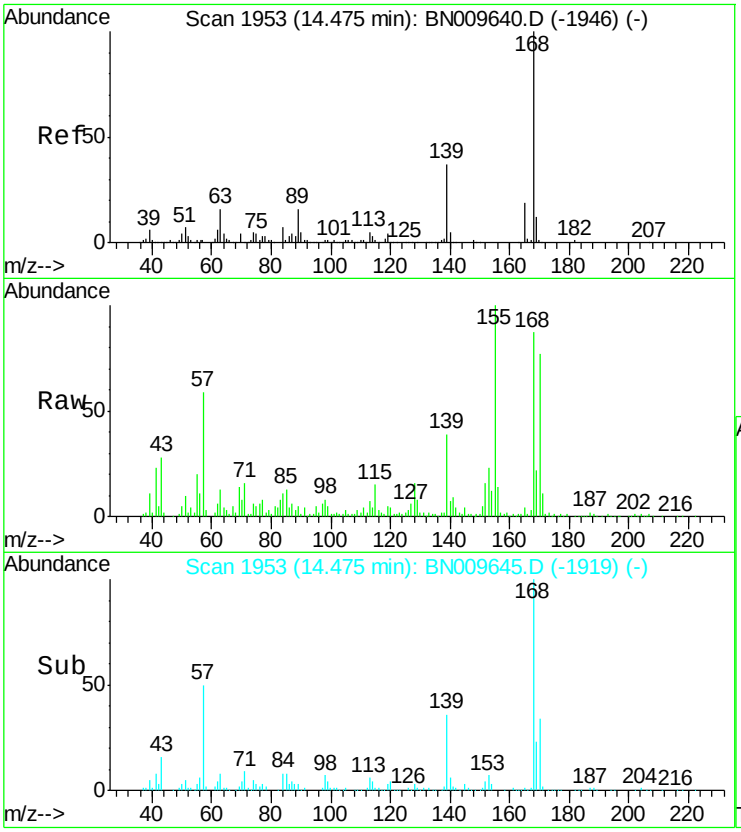


#49
Acenaphthene
Concen: 54.19 ng/ul
RT: 14.14 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Tgt Ion:153 Resp: 1472711

Ion	Ratio	Lower	Upper
153	100		
152	46.0	37.3	55.9
154	87.8	70.2	105.2



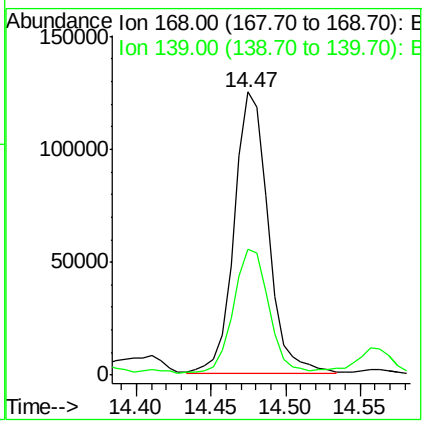


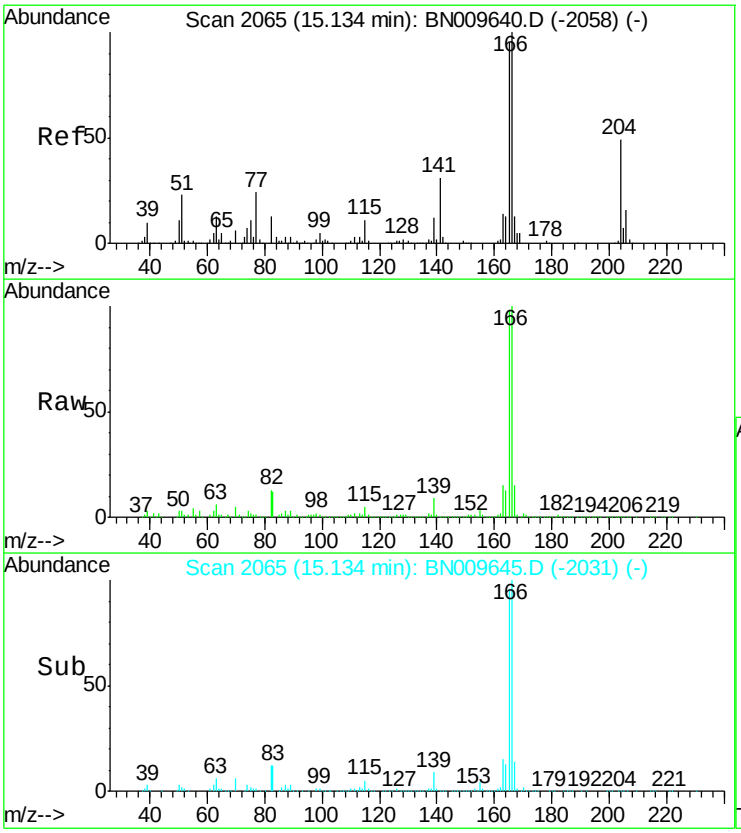
#53
Dibenzofuran
Concen: 5.27 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Tgt Ion:168 Resp: 199431

Ion	Ratio	Lower	Upper
168	100		
139	44.5	29.5	44.3#

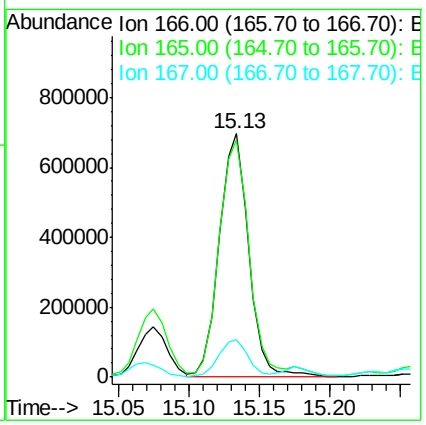


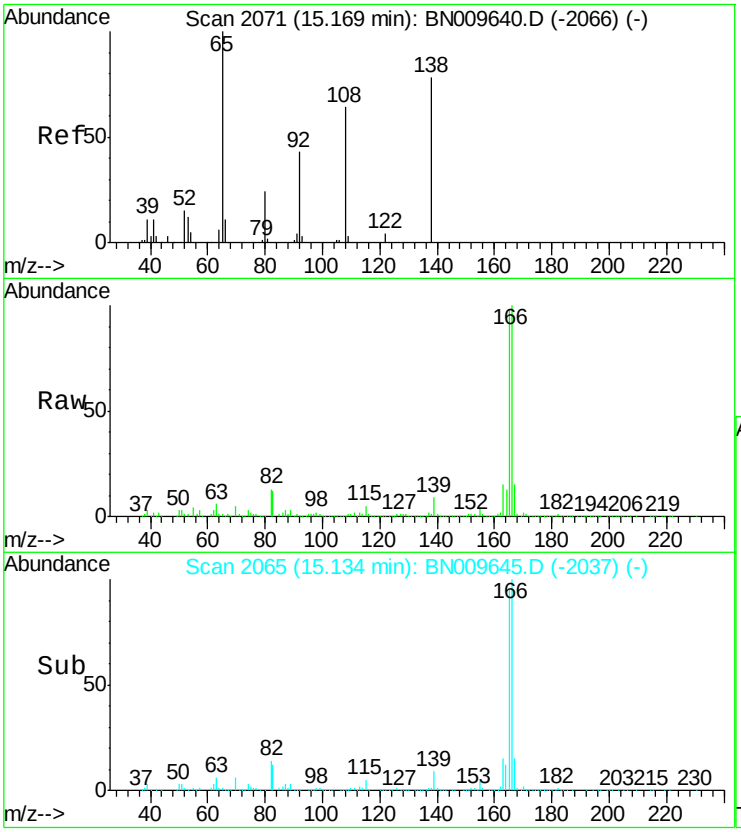


#58
Fluorene
Concen: 31.49 ng/ul
RT: 15.13 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Tgt Ion:166 Resp: 995896

Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.7	115.1
167	15.4	11.1	16.7



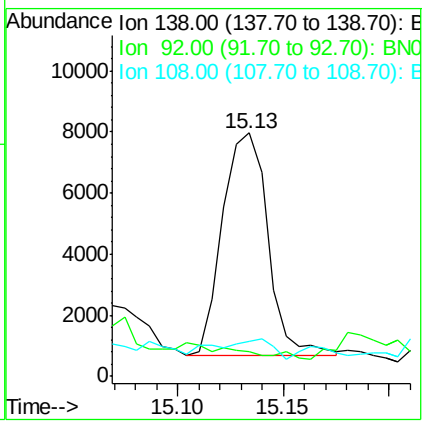


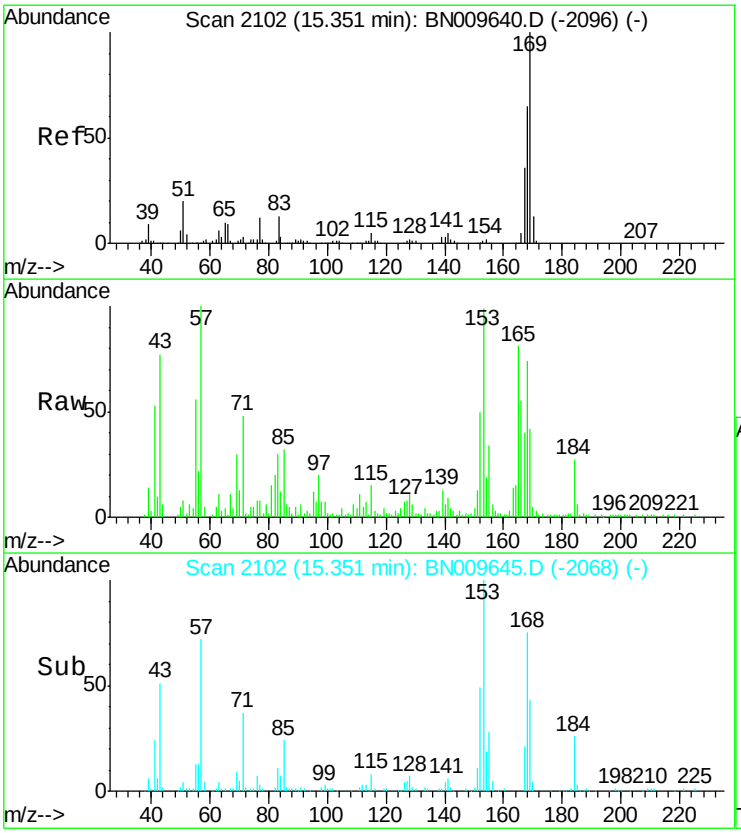
#60
4-Nitroaniline
Concen: 1.50 ng/ul
RT: 15.13 min Scan# 2065
Delta R.T. -0.04 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Tgt Ion:138 Resp: 10830

Ion	Ratio	Lower	Upper
138	100		
92	10.2	46.1	69.1#
108	14.3	75.1	112.7#

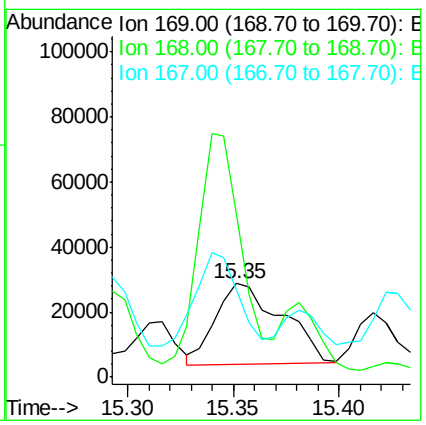


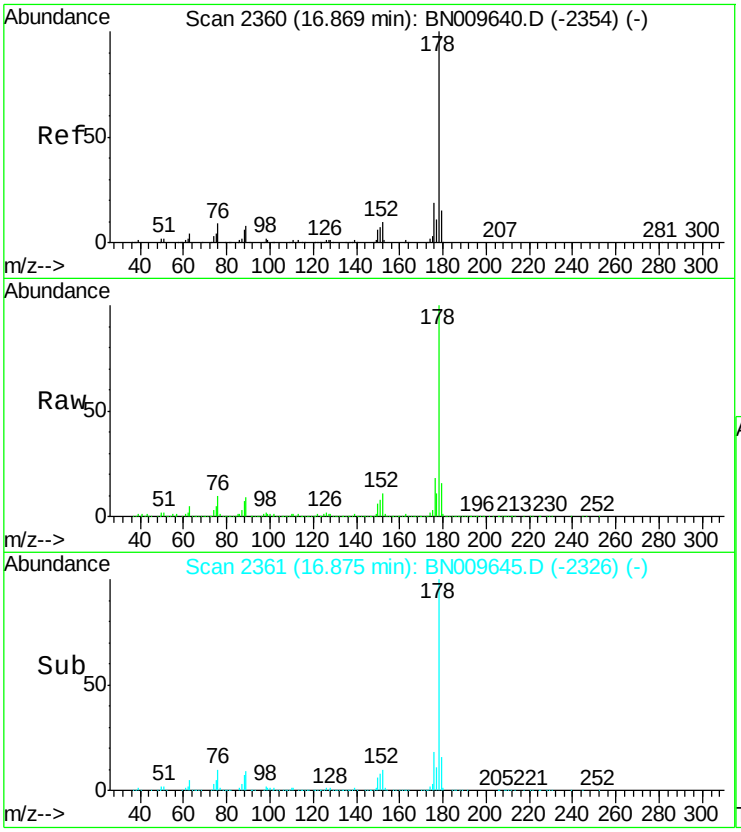


#64
N-Nitrosodiphenylamine
Concen: 2.19 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Tgt Ion:169 Resp: 54093

Ion	Ratio	Lower	Upper
169	100		
168	174.7	53.8	80.8#
167	93.4	27.5	41.3#



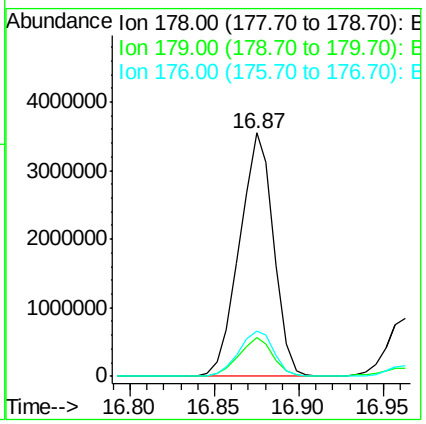


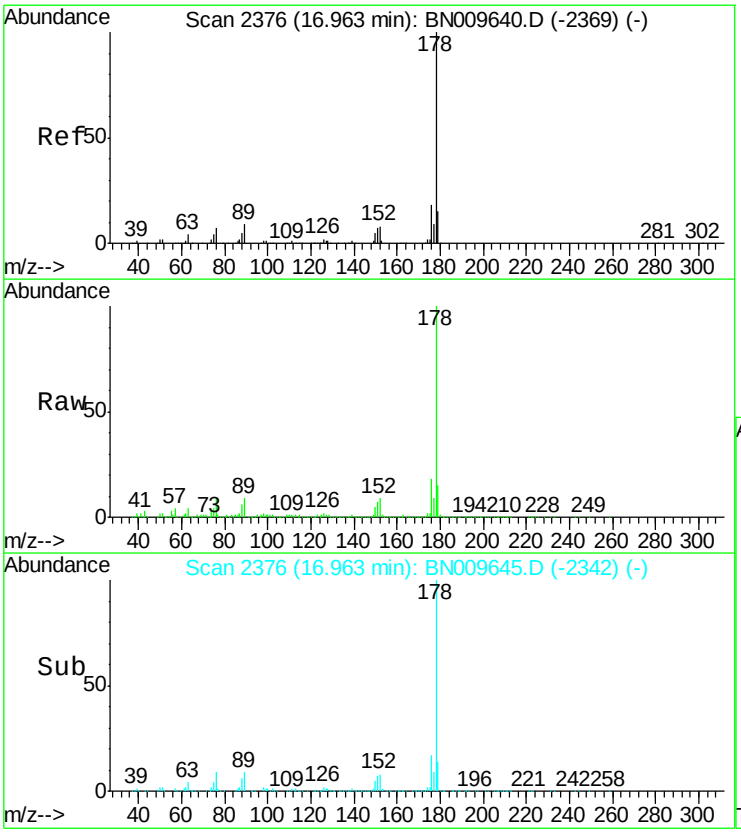
#69
Phenanthrene
Concen: 105.42 ng/ul
RT: 16.87 min Scan# 2361
Delta R.T. 0.01 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Tgt Ion:178 Resp: 4977318

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	18.4	14.8	22.2

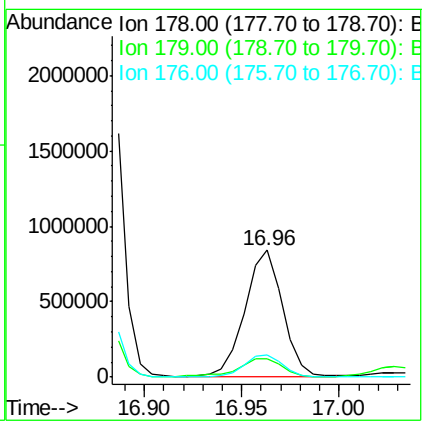


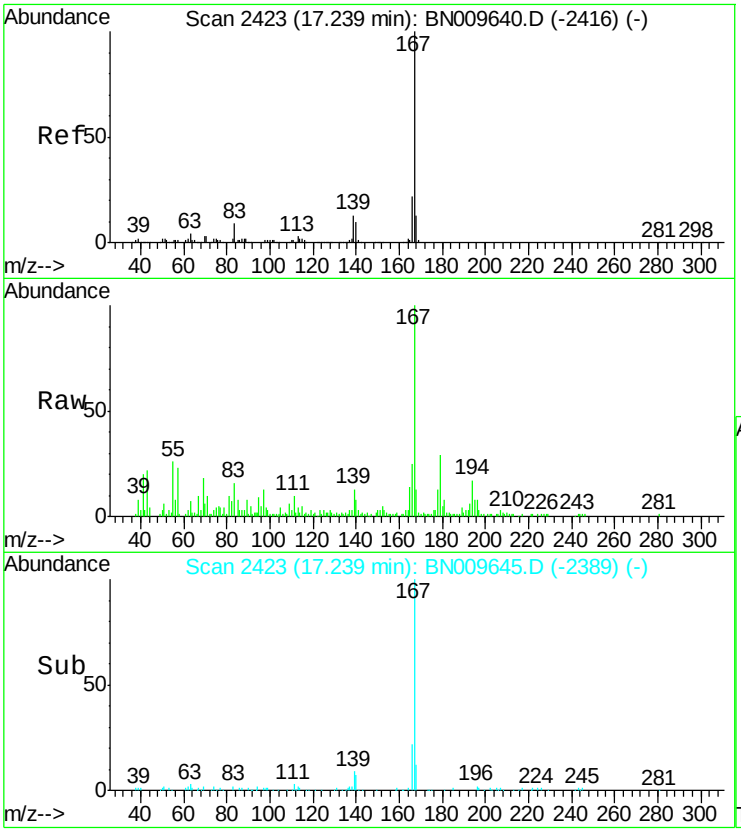


#71
Anthracene
Concen: 23.10 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Tgt Ion:178 Resp: 1106392

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.1	18.1
176	17.6	14.6	21.8



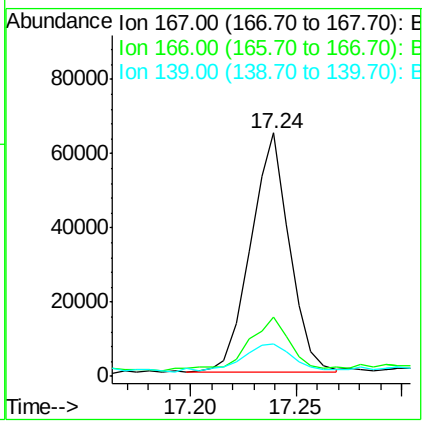


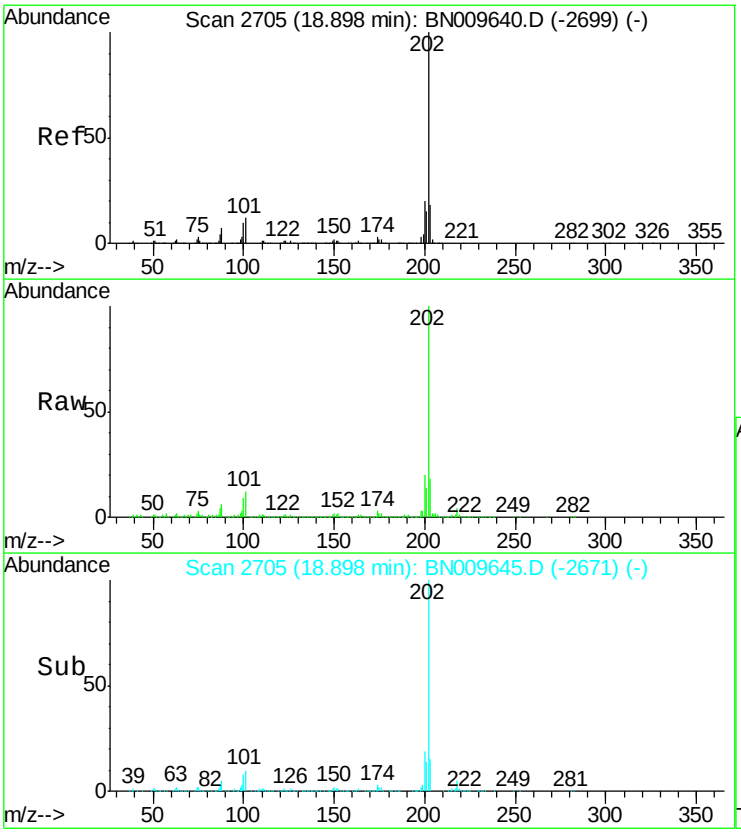
#74
Carbazole
Concen: 1.96 ng/ul
RT: 17.24 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Tgt Ion:167 Resp: 81734

Ion	Ratio	Lower	Upper
167	100		
166	24.6	16.2	24.4#
139	13.2	10.4	15.6

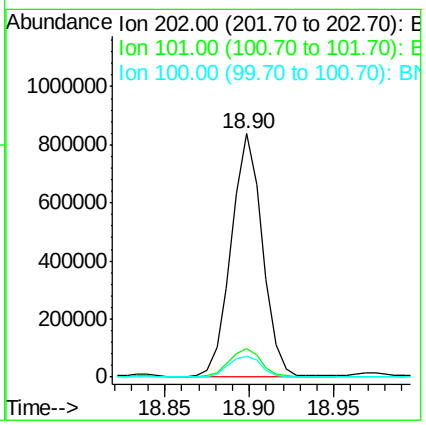


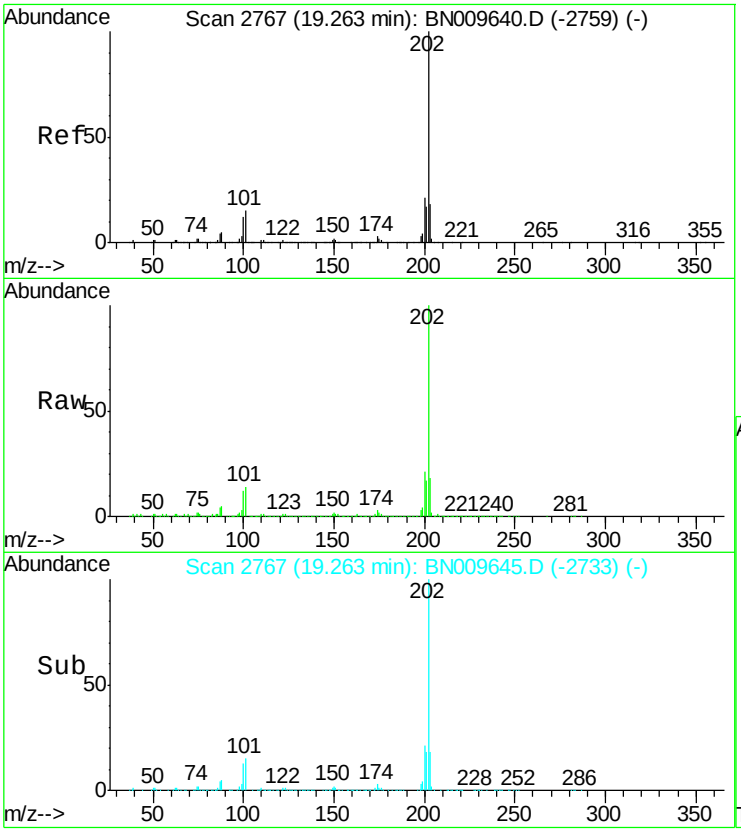


#76
Fluoranthene
Concen: 19.94 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. 0.00 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Tgt Ion:202 Resp: 1074390

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
100	8.7	6.9	10.3



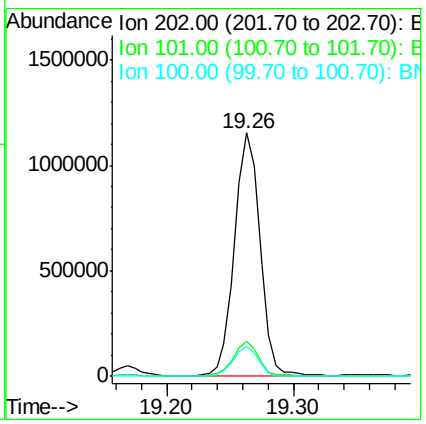


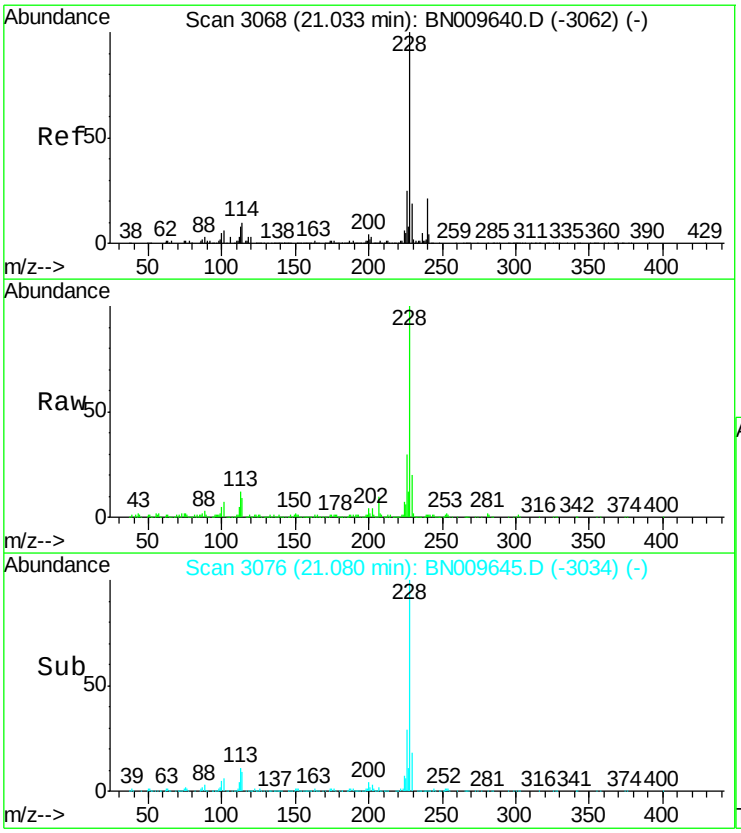
#79
Pyrene
Concen: 29.06 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. 0.00 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Tgt Ion:202 Resp: 1598232

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.3	15.5
100	12.2	8.4	12.6

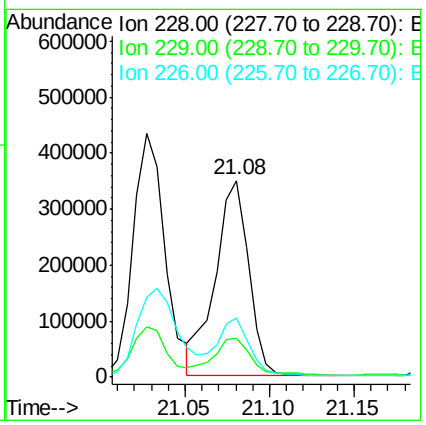


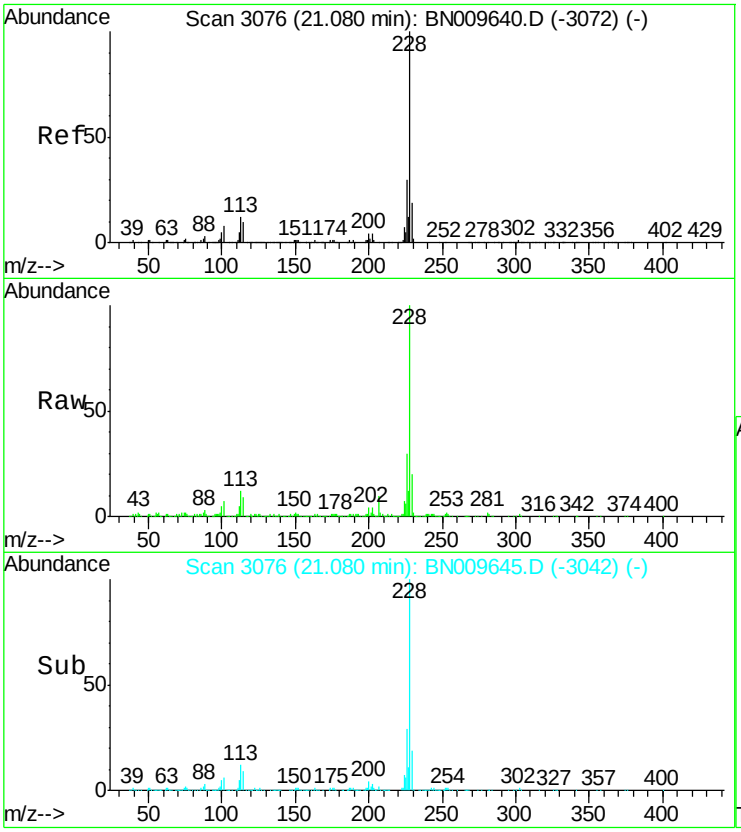


#82
Benzo(a)anthracene
Concen: 9.31 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.05 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Tgt Ion:228 Resp: 484327

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.0	22.4
226	29.8	20.9	31.3



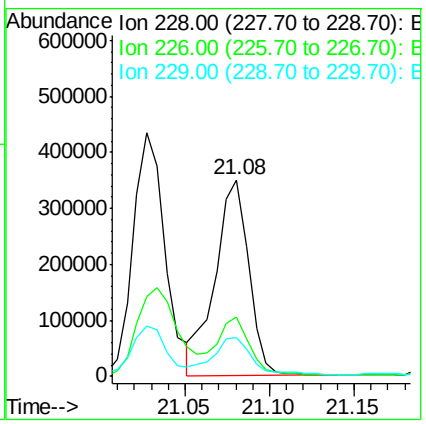


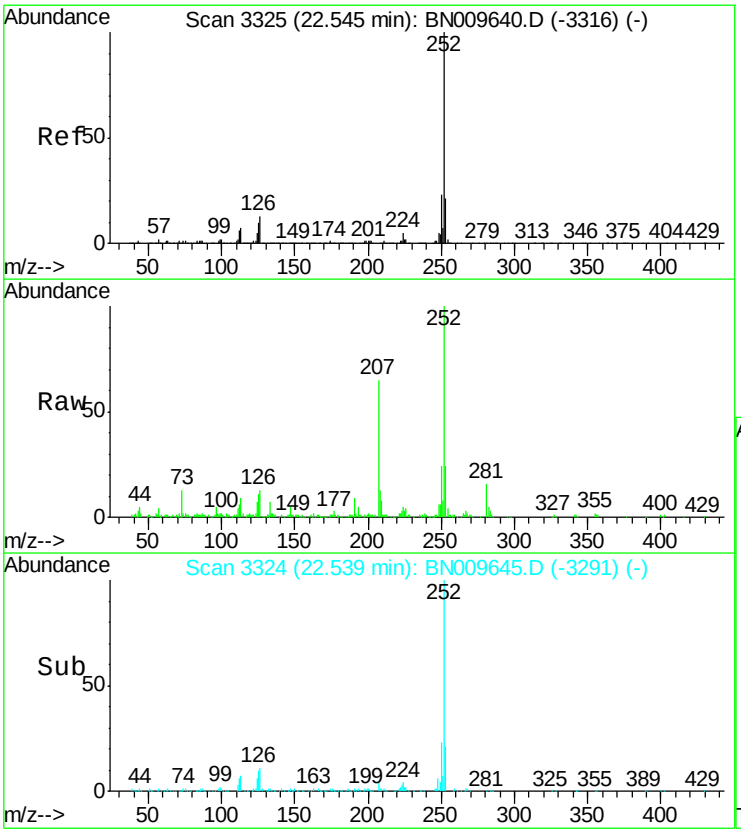
#84
Chrysene
Concen: 9.41 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Tgt Ion:228 Resp: 487397

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.5	35.3
229	19.7	15.8	23.8

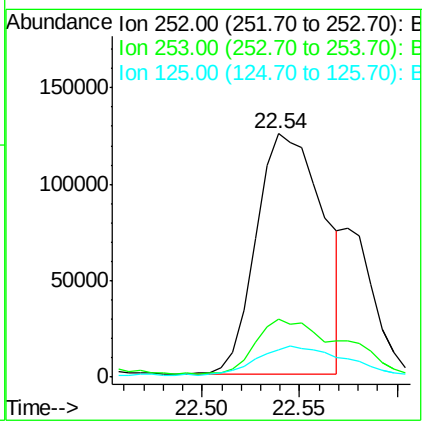


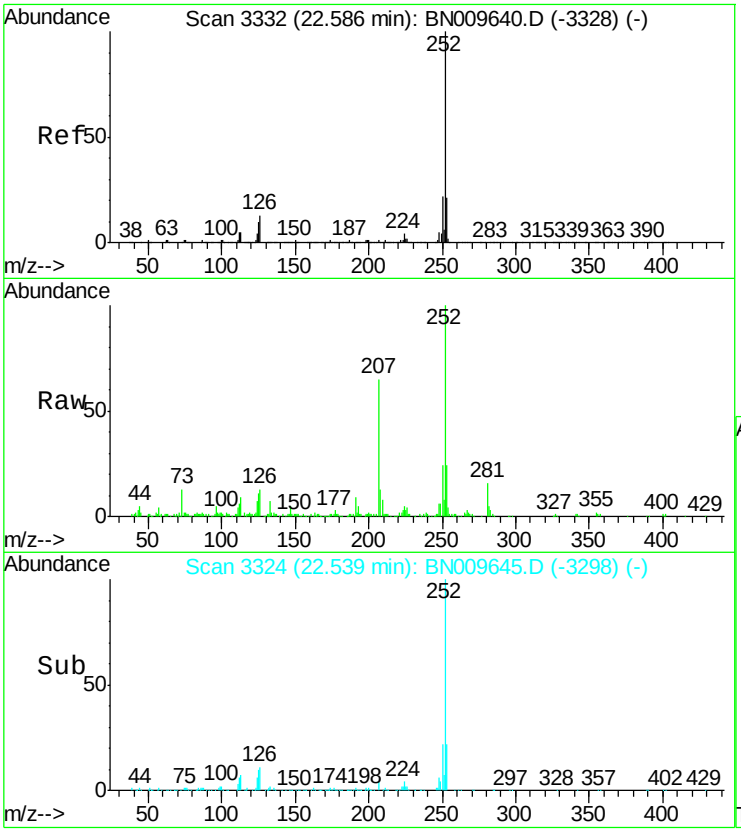


#87
Benzo(b)fluoranthene
Concen: 5.69 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Tgt Ion:252 Resp: 297555

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	11.4	8.2	12.2



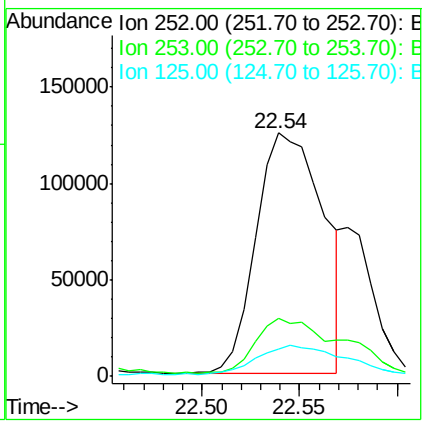


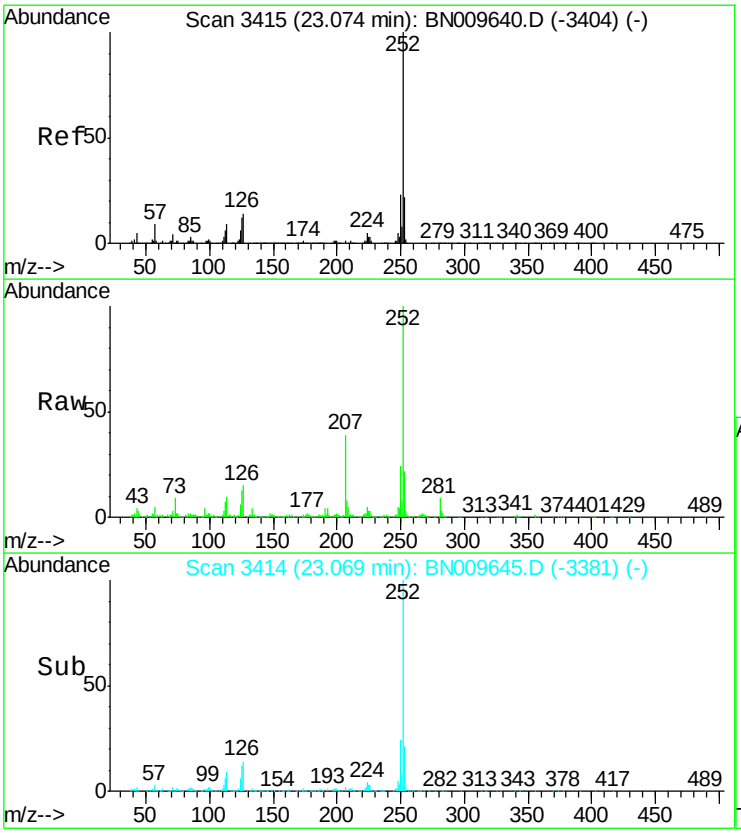
#88
Benzo(k)fluoranthene
Concen: 5.77 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.05 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Tgt Ion:252 Resp: 297555

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	11.4	8.0	12.0

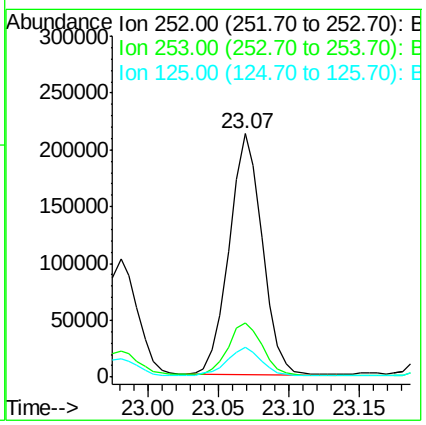


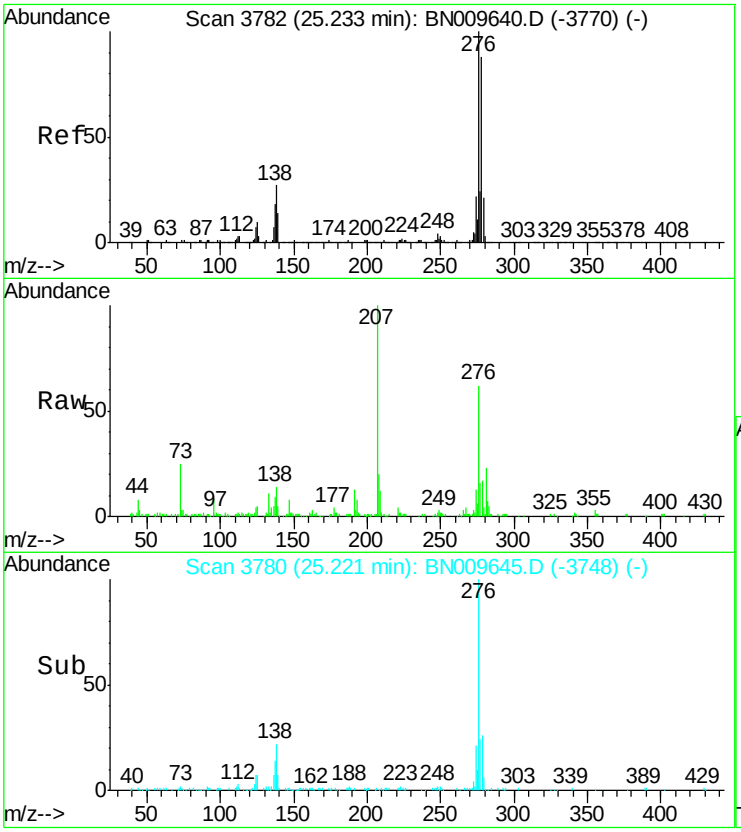


#90
Benzo(a)pyrene
Concen: 7.14 ng/ul
RT: 23.07 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Tgt Ion:252 Resp: 346335

Ion	Ratio	Lower	Upper
252	100		
253	22.2	15.8	23.8
125	12.5	8.7	13.1



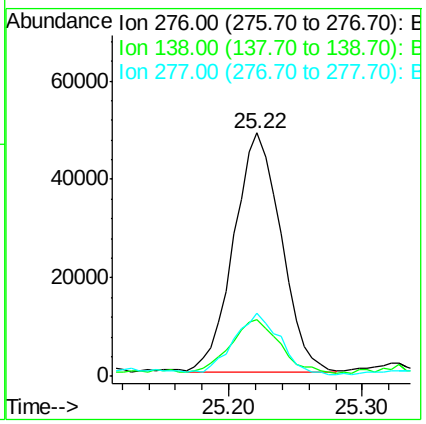


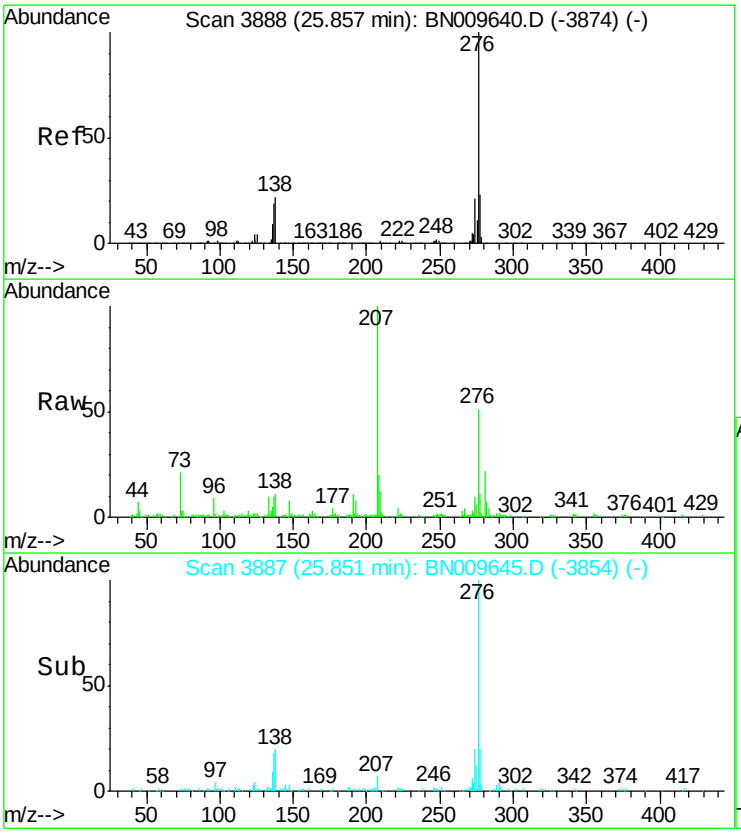
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.08 ng/ul
RT: 25.22 min Scan# 3780
Delta R.T. -0.01 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Tgt Ion:276 Resp: 119694

Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.3	30.5
277	26.2	21.2	31.8





#93
Benzo(g,h,i)perylene
Concen: 2.31 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BN009645.D
Acq: 07 Feb 2020 13:12

Tgt Ion:276 Resp: 111663

Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.0	24.0
277	20.8	17.0	25.6